

Tag Tissue: Human Lung Epithelial Cell Lines untreated LPS 6hr to LPS
24h
Tag Lib: UI-CF-FN0
Organ: Lung
Tissue type: Human Lung Epithelial cells
Lab host: DH10B (Life Technologies) (T1 phage resistant)
Vector: pT7T3-Pac (Pharmacia) with a modified polylinker
R. Site 1: EcoR I
R. Site 2: Not I
Description: UI-CF-FN0 is a subtracted cDNA library derived from two
normalized Human lung epithelial cell libraries (EN1 and DU1
) The library was subtracted according to according to
Bonaldo, Lennon and Soares, Genome Research, 6:791-806,
1996. For additional information, contact:
bento-soares@uiowa.edu

SUBMITTER

Name: McCray, PB
Lab: McCray Lab
Institution: University of Iowa
Address: 2024 University of Iowa Med Labs, Iowa City, IA 52242, USA
Tel: 319 356 4866
Fax: 319 356 7171
E-mail: paul-mccray@uiowa.edu

CITATIONS

PubMed ID: 8889548
Title: Normalization and subtraction: two approaches to facilitate
gene discovery
Authors: Bonaldo, M.F., Lennon, G., Soares, M.B.
Citation: Genome Res. 6 (9): 791-806 1996

MAP DATA

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RESULT 35

CB243994/c

LOCUS CB243994 789 bp mRNA linear EST 12-FEB-2003
DEFINITION UI-CF-FN0-agg-n-06-0-UI.s1 UI-CF-FN0 Homo sapiens cDNA clone
UI-CF-FN0-agg-n-06-0-UI 3', mRNA sequence.
ACCESSION CB243994
VERSION CB243994.1 GI:28365638
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
REFERENCE 1 (bases 1 to 789)
AUTHORS Bonaldo,M.F., Lennon,G. and Soares,M.B.
TITLE Normalization and subtraction: two approaches to facilitate gene discovery
JOURNAL Genome Res. 6 (9), 791-806 (1996)
PUBMED 8889548
COMMENT Contact: McCray, PB
McCray Lab
University of Iowa
2024 University of Iowa Med Labs, Iowa City, IA 52242, USA
Tel: 319 356 4866
Fax: 319 356 7171
Email: paul-mccray@uiowa.edu
Tissue Procurement: Dr. M. J. Welsh, University of Iowa
cDNA Library preparation: Dr. M. Bento Soares, University of Iowa
cDNA Library Arrayed by: Dr. M. Bento Soares, University of Iowa
DNA Sequencing by: Dr. M. Bento Soares, University of Iowa
Clone Distribution: Researchers may obtain clones from Research
Genetics (www.resgen.com) or from Open Biosystems
(www.openbiosystems.com).
Seq primer: M13 FORWARD
POLYA=Yes.

FEATURES Location/Qualifiers

source 1. .789
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="UI-CF-FN0-agg-n-06-0-UI"
/tissue_type="Human Lung Epithelial cells"
/lab_host="DH10B (Life Technologies) (T1 phage resistant)"
/clone_lib="UI-CF-FN0"
/note="Organ: Lung; Vector: pT7T3-Pac (Pharmacia) with a modified polylinker; Site_1: EcoR I; Site_2: Not I; UI-CF-FN0 is a subtracted cDNA library derived from two normalized Human lung epithelial cell libraries (EN1 and DU1) The library was subtracted according to Bonaldo, Lennon and Soares, Genome Research, 6:791-806, 1996. For additional information, contact: bento-soares@uiowa.edu
TAG_TISSUE=Human Lung Epithelial Cell Lines untreated LPS
6hr to LPS 24h
TAG_LIB=UI-CF-FN0
TAG_SEQ=CTGCTCAGGT"

ORIGIN

Query Match 38.4%; Score 474; DB 4; Length 789;
Best Local Similarity 100.0%; Pred. No. 1.6e-237;
Matches 474; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 760 CAGGTCCCTGAGCAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATG 819
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 716 CAGGTCCCTGAGCAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATG 657
Qy 820 TTGTCCCCGGGGAGTCAGAGCATCTGCTGGAACCAGCAGAAGCTGAAAGGTCTCAGAGG 879

Db 656 TTGTCCCCGGGGAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTGAAAGGCTCAGAGG 597
Qy 880 AGGAGGCTGCTGGTCCAGCAAATGAAGGTGATCCCACTGAGACTCTGAGACAGTGCTTC 939
Db 596 AGGAGGCTGCTGGTCCAGCAAATGAAGGTGATCCCACTGAGACTCTGAGACAGTGCTTC 537
Qy 940 GATGACTTTGCAGACTTGGTGCCCTTGACTCCTGGGAGCCGCTCATGAGGAAGTTGGC 999
Db 536 GATGACTTTGCAGACTTGGTGCCCTTGACTCCTGGGAGCCGCTCATGAGGAAGTTGGC 477
Qy 1000 CTCATGGACAATGAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCACAGGGACACCTG 1059
Db 476 CTCATGGACAATGAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCACAGGGACACCTG 417
Qy 1060 TACACGATGCTGATAAAGTGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCTG 1119
Db 416 TACACGATGCTGATAAAGTGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCTG 357
Qy 1120 CTGGATGCCTTGGAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTG 1179
Db 356 CTGGATGCCTTGGAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTG 297
Qy 1180 TTGAGCTCTGGAAAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCC 1233
Db 296 TTGAGCTCTGGAAAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCC 243